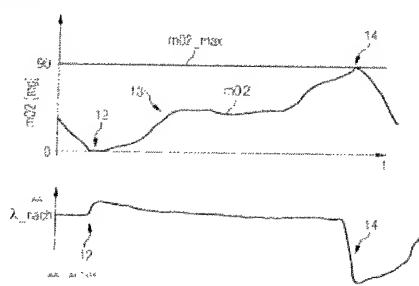


METHOD FOR DETERMINING THE ACTUAL OXYGEN LOAD OF A 3-PATH CATALYST OF A LAMBDA-CONTROLLED INTERNAL COMBUSTION ENGINE**Publication number:** EP1718853 (A1)**Publication date:** 2006-11-08**Inventor(s):** POEHLER WOLF DIETER [FR]; RENZ VOLKER [DE]; ROESEL GERD [DE]; TICHY MILOS [DE]**Applicant(s):** SIEMENS AG [DE]**Classification:****- international:** F02D41/02; F01N11/00; F02D41/14; F02D41/02; F01N11/00; F02D41/14**- European:** F01N11/00C; F02D41/02C4F**Application number:** EP20040804688 20041206**Priority number(s):** WO2004EP53283 20041206; DE200410009615 20040227**Also published as:** WO2005083250 (A1) US2008314023 (A1) JP2007534877 (T) DE102004009615 (A1) DE102004009615 (B4)

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The invention relates to a method for determining the actual oxygen load (m_{O2}) of a 3-path catalyst (6) of a lambda-controlled internal combustion engine (1), whereby a value for the actual oxygen load (m_{O2}) is calculated from the signal of a pre-catalyst lambda probe (5) and the measured air mass flow rate by integration over time, whereby the post-catalyst lambda probe is initialised when the signal is interrupted.

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